To: Weekly_Report_Group@epa.gov
CC: hubbard.carolyn@epa.gov; Blackburn.elizabeth@epa.gov; Gwinn.maureen@epa.gov; Rodan.bruce@epa.gov; radzikowski.maryellen@epa.gov; Robbins.chris@epa.gov; Breen.Barry@epa.gov; coleman.sam@epa.gov; dunham.sarah@epa.gov; shapiro.mike@epa.gov; beck.nancy@epa.gov; Yamada.richard@epa.gov; Kaplan.robert@epa.gov; glenn.trey@epa.gov; forsgren.lee@epa.gov; nishida.jane@epa.gov; servidio.cosmo@epa.gov; Benevento.doug@epa.gov; gulliford.jim@epa.gov; hladick.chris@epa.gov; Lopez.pete@epa.gov; wagner.ken@epa.gov;

Administrator,

Thank you to Ken Wagner and Henry Darwin for joining ORD senior managers on Wednesday to discuss EPA and ORD efforts to meet the science needs of states as well mission metrics and a lean management system.

Last week Richard Yamada and Bruce Rodan visited our Atlantic Ecology Division Lab in Narragansett, RI. The visit included tours of the lab facility, presentations from scientists about ongoing research, and meetings with management and staff, as well as state and local representatives from Rhode Island and Cape Cod, MA.

Hot issues

ORD Research Featured in a Story on Tracking Industrial Chemicals of Concern

On October 18 North Carolina Health News published an online article titled, *Local Scientists Uncovered Cape Fear River GenX Story*. The story outlines the efforts being made to detect and monitor GenX and other per- and polyfluoroalkyl substances (PFAS). It centers on the work done by ORD scientists in detecting PFAS in a variety of studies, including learning how to detect shorter-chained PFAS, such as GenX. The article goes on to mention that other researchers used these findings to detect GenX in waterways outside the U.S. and that ORD scientists, in collaboration with North Carolina State University, were able to detect GenX in drinking water in North Carolina. The article provides an overview of the series of events that have followed the publication of that work and the steps being taken by North Carolina and others as a result. ORD worked with OPA on this media inquiry.

Meeting with Denka Performance Elastomers

On October 30th, ORD will participate in a listening session with representatives of Denka Corporation to hear their perspectives and concerns with the Request for Correction (RfC) for chloroprene.

Response to a Ricin Incident - ORD Provides Technical Support to OEM/CMAD and Region 8

ORD is providing technical support to OEM's CMAD and Region 8's response to ricin contamination of a condominium unit in Boulder, CO where one man is hospitalized after ricin was manufactured in the unit. ORD provided technical assistance during discussions with Lawrence Livermore National Laboratory, the lab capable of analyzing the samples. ORD assisted in planning out how the post decontamination samples will be analyzed, including employing our recent protocol "Sample Processing Approach for Post Bleach-Decontamination Ricin Sample Analysis". ORD also provided decontamination advice based on surface decontamination research as well as advice related to waste management.

Upcoming public events

ECOS-EPA PFAS Call

On October 30, ORD is coordinating a teleconference with the Environmental Council of the States (ECOS), interested states and EPA scientists to discuss TSCA implications for PFAS, updates on Cape Fear

River Basin activities and other ongoing state issues, and updates from EPA workgroups on methods and toxicity. These calls are held every other month for states and EPA to share information on PFAS methods, toxicity and treatment work.

Fort Campbell Net Zero Meeting
ORD will attend a meeting with Department of Defense representatives at Fort Campbell, Kentucky on November 1 and 2. The purpose of the meeting will be to initiate discussions on possible collaborative efforts to develop and enhance sustainability projects on the base as part of the NetZero Program.

Kansas City TRAQS Media Event
ORD and Region 7 recently launched the Kansas City Transportation and Local-Scale Air Quality Study (KC-TRAQS), to learn more about local community air quality in three neighborhoods in Kansas City, KS, that have multiple air pollution sources from highways, railways, and industry. The project will be conducted for one year and provide comprehensive air quality monitoring using three different air measurement approaches. ORD is supporting the project by providing scientific expertise and multiple stationary and mobile monitoring technologies. They have also provided an AirMapper, developed by ORD researchers, for a citizen science project and educational outreach for residents and students. Region 7 is planning an open house and media event on Friday, Oct. 27 from 12 - 2 p.m. at the Argentine Police Station, where a monitor is located. Karen Flournoy, EPA Region 7 Special Assistant to the Regional Administrator, and Angela Markley, Commissioner of Wyandotte County Unified Government will participate.

Remediation strategies for the Sonford Products Superfund Site, Pearl, MS, November 2-3
At the request of Region 4, ORD will attend a meeting in Pearl, MS, to discuss groundwater remediation strategies at the Sonford Products Superfund Site in Flowood, MS. The Sonford site was operated by companies producing wood preservative products containing pentachlorpophenol (PCP) as the primary ingredient. Operations on-site ceased after a 2,000-gallon spill of PCP into the marshland south of the property occurred in 1985, contaminating the soil, sediment, surface water, and ground water.

Remediation field studies at Chem-Dyne Superfund Site, Hamilton, OH, November 7
At the request of Region 5, ORD will assist in field studies to determine groundwater flow directions and rates in support of an evaluation of the ongoing monitored natural attenuation pilot remedy for groundwater at the Chem-Dyne site. ORD is providing technical assistance to Region 5 and the Ohio Environmental Protection Agency to investigate the impact of this remedial measure on groundwater flow and contaminant transport. The Chem-Dyne site is a former waste transfer, storage, and disposal facility with groundwater and soil contamination, including arsenic, asbestos, benzene, and polychlorinated biphenyls.

EPA STAR Water Quality Benefits Conference (Nov 2-3)
ORD is organizing a kickoff meeting for the grants awarded under the Water Quality Benefits RFA. Grantees will highlight their research projects and coordinate collaboration with EPA scientists. These grants support working with local communities to better understand the economic value of water quality. The research will help communities and environmental experts make more informed choices about the costs and benefits of actions that protect and improve the quality of their waterways.

Last week Highlights
EPA releases Children's Environmental Health and Disease Prevention Centers Impact Report
The *NIEHS/EPA Children's Environmental Health and Disease Prevention Centers Impact Report:*

Protecting children's health where they live, learn, and play, highlights some of the important contributions the centers have made toward reducing the burden of environmentally induced or exacerbated diseases placed on children. The report provides examples of community-based success in support of public health. The report is organized in three section: health outcomes, environmental exposures, and hallmark features. The Health Outcomes section presents scientific findings from the Children's Centers on diseases that sometimes affect children. The Environmental Exposures section presents research findings on chemicals and pollutants children are commonly exposed to through air, water and food. The Hallmark Features section highlights the unique features that have facilitated the work of the Children's Centers and advancements in the field.

Water Infrastructure for Improvements to the Nation (WIIN) Act Updates

Galesburg, IL. On October 20, the Region 5 laboratory sent ORD sequential sampling results from Galesburg that were collected in September, one of which had elevated lead levels. On that same day, ORD sent an email to the City of Galesburg and Illinois Environmental Protection Agency (with a copy to Region 5 and OW) notifying them of the high lead levels and informing them that they need to comply with the WIIN Act and share these results with residents immediately.